

## future work with AGWA2

Posted by karrez - 2009/08/31 20:13

---

For my masters thesis, i am planning on using AGWA2 to model the subbasin of John Redmond reservoir in Kansas. I was considering attempting to incorporate terraces into the DEM to see how this affects how the model delineates the basin. to do this however i'm going to have to create a DEM with a much smaller resolution; i'm thinking 5 meters. In your opinion, does this sound reasonable, or at least do-able? i am aware that other users have had issues with higher resolution DEMS, as well as with the modeling of water bodies, but i am hoping i can overcome these issues, with a little help.:)

i am also gonna try to incorporate ponds as well. I have not messed with KINEROS before, just the SWAT model. any thoughts you may have would be appreciated.

=====